



Complete Summary

TITLE

Diagnosis and treatment of headache: percentage of migraineurs who have documentation in the medical record that they have received written educational materials on migraines at a clinic/office visit.

SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Diagnosis and treatment of headache. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2009 Mar. 76 p. [141 references]

Measure Domain

PRIMARY MEASURE DOMAIN

Process

The validity of measures depends on how they are built. By examining the key building blocks of a measure, you can assess its validity for your purpose. For more information, visit the [Measure Validity](#) page.

SECONDARY MEASURE DOMAIN

Does not apply to this measure

Brief Abstract

DESCRIPTION

This measure is used to assess the percentage of migraineurs who have documentation in the medical record that they have received written educational materials on migraines at a clinic/office visit.

RATIONALE

The priority aim addressed by this measure is to increase education for patients with primary headache.

PRIMARY CLINICAL COMPONENT

Migraine; patient education; written educational materials

DENOMINATOR DESCRIPTION

All patients age 12 years and older who had an encounter with a primary care provider in the past month for migraine headache

NUMERATOR DESCRIPTION

Number of medical records with documentation of receiving written educational materials about migraine (see the related "Numerator Inclusions/Exclusions" field in the Complete Summary)

Evidence Supporting the Measure

EVIDENCE SUPPORTING THE CRITERION OF QUALITY

- A clinical practice guideline or other peer-reviewed synthesis of the clinical evidence

Evidence Supporting Need for the Measure

NEED FOR THE MEASURE

Unspecified

State of Use of the Measure

STATE OF USE

Current routine use

CURRENT USE

Internal quality improvement

Application of Measure in its Current Use

CARE SETTING

Physician Group Practices/Clinics

PROFESSIONALS RESPONSIBLE FOR HEALTH CARE

Physicians

LOWEST LEVEL OF HEALTH CARE DELIVERY ADDRESSED

Group Clinical Practices

TARGET POPULATION AGE

Age greater than or equal to 12 years

TARGET POPULATION GENDER

Either male or female

STRATIFICATION BY VULNERABLE POPULATIONS

Unspecified

Characteristics of the Primary Clinical Component**INCIDENCE/PREVALENCE**

Migraine is the most common headache disorder seen by primary care providers.

See also the "Burden of Illness" field.

EVIDENCE FOR INCIDENCE/PREVALENCE

Tepper SJ, Dahlof CG, Dowson A, Newman L, Mansbach H, Jones M, Pham B, Webster C, Salonen R. Prevalence and diagnosis of migraine in patients consulting their physician with a complaint of headache: data from the Landmark Study. Headache 2004 Oct;44(9):856-64. [PubMed](#)

ASSOCIATION WITH VULNERABLE POPULATIONS

Unspecified

BURDEN OF ILLNESS

Migraine headaches affect an estimated 23 million Americans, with 11 million experiencing significant headache-related disabilities. Migraine headaches also have an economic impact through significant losses in productivity as well as through health care costs.

EVIDENCE FOR BURDEN OF ILLNESS

Institute for Clinical Systems Improvement (ICSI). Diagnosis and treatment of headache: executive summary. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2009 Mar. 1 p.

UTILIZATION

Unspecified

COSTS

See the "Burden of Illness" field.

Institute of Medicine National Healthcare Quality Report Categories

IOM CARE NEED

Living with Illness

IOM DOMAIN

Effectiveness
Patient-centeredness

Data Collection for the Measure

CASE FINDING

Users of care only

DESCRIPTION OF CASE FINDING

Patients age 12 years and older with diagnosis of migraine headache

A chart abstraction is conducted to determine if there is evidence that a clinician provided education about migraines.

Suggested data collection time frame is monthly.

DENOMINATOR SAMPLING FRAME

Patients associated with provider

DENOMINATOR INCLUSIONS/EXCLUSIONS

Inclusions

All patients age 12 years and older who had an encounter with a primary care provider in the past month for migraine headache

Exclusions

Unspecified

RELATIONSHIP OF DENOMINATOR TO NUMERATOR

All cases in the denominator are equally eligible to appear in the numerator

DENOMINATOR (INDEX) EVENT

Clinical Condition
Encounter

DENOMINATOR TIME WINDOW

Time window is a single point in time

NUMERATOR INCLUSIONS/EXCLUSIONS

Inclusions

Number of medical records with documentation* of receiving written educational materials about migraine

*Documentation is defined as any evidence in the medical record that written educational materials were provided to the patient about migraine and lifestyle management. This can include information about:

- Genetic predisposition to migraine
- Role of lifestyle changes
- Stress reduction, regular eating and sleeping schedules, and regular aerobic exercise
- Results of overuse of analgesics and acute migraine drugs
- Benefit of keeping a headache diary
- Treatment approaches

Exclusions

Unspecified

MEASURE RESULTS UNDER CONTROL OF HEALTH CARE PROFESSIONALS, ORGANIZATIONS AND/OR POLICYMAKERS

The measure results are somewhat or substantially under the control of the health care professionals, organizations and/or policymakers to whom the measure applies.

NUMERATOR TIME WINDOW

Encounter or point in time

DATA SOURCE

Medical record

LEVEL OF DETERMINATION OF QUALITY

Individual Case

PRE-EXISTING INSTRUMENT USED

Unspecified

Computation of the Measure

SCORING

Rate

INTERPRETATION OF SCORE

Better quality is associated with a higher score

ALLOWANCE FOR PATIENT FACTORS

Unspecified

STANDARD OF COMPARISON

Internal time comparison

Evaluation of Measure Properties

EXTENT OF MEASURE TESTING

Unspecified

Identifying Information

ORIGINAL TITLE

Percentage of migraineurs who have documentation in the medical record that they have received written educational materials on migraines at a clinic/office visit.

MEASURE COLLECTION

[Diagnosis and Treatment of Headache Measures](#)

DEVELOPER

Institute for Clinical Systems Improvement

FUNDING SOURCE(S)

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COMPOSITION OF THE GROUP THAT DEVELOPED THE MEASURE

Work Group Members: John Beithon, MD (Work Group Leader) (Lakeview Clinic) (Family Medicine); Chris Hult, MD (HealthPartners Medical Group and Regions Hospital) (Family Medicine); Mark Liebow, MD (Mayo Clinic) (Internal Medicine); Jerry Swanson, MD (Mayo Clinic) (Neurology); Frederick Taylor, MD (Park Nicollet

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FINANCIAL DISCLOSURES/OTHER POTENTIAL CONFLICTS OF INTEREST

ICSI has adopted a policy of transparency, disclosing potential conflict and competing interests of all individuals who participate in the development, revision and approval of ICSI documents (guidelines, order sets and protocols). This applies to all work groups (guidelines, order sets and protocols) and committees (Committee on Evidence-Based Practice, Cardiovascular Steering Committee, Women's Health Steering Committee, Preventive & Health Maintenance Steering Committee and Respiratory Steering Committee).

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John Beithon, MD jointly owns stock through a family member's employee benefit option.

Frederick Taylor, MD has participated and received remuneration as an Advisory Board member for GlaxosmithKline and Merck. He received speaker's fees and associated expense compensation for Speaker's Bureau participation for GlaxoSmithKline, Merck and Endo Pharmaceuticals. He has also received honorarium from Current Medicine for editorship of Current Pain and Headache Reports for 2008 and 2009. Additionally, he receives authorship content fees from Up to Date.

Jerry Swanson, MD has received royalties from Up To Date.

No other work group members have potential conflicts of interest to disclose.

ADAPTATION

Measure was not adapted from another source.

RELEASE DATE

2003 Jul

REVISION DATE

2009 Jan

MEASURE STATUS

This is the current release of the measure.

This measure updates a previous version: Institute for Clinical Systems Improvement (ICSI). Diagnosis and treatment of headache. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2007 Jan. 59 p.

SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Diagnosis and treatment of headache. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2009 Mar. 76 p. [141 references]

MEASURE AVAILABILITY

The individual measure, "Percentage of Migraineurs Who Have Documentation in the Medical Record That They Have Received Written Educational Materials on Migraines at a Clinic/Office Visit," is published in "Health Care Guideline: Diagnosis and Treatment of Headache." This document is available from the [Institute for Clinical Systems Improvement \(ICSI\) Web site](#).

For more information, contact ICSI at, 8009 34th Avenue South, Suite 1200, Bloomington, MN 55425; phone: 952-814-7060; fax: 952-858-9675; Web site: www.icsi.org; e-mail: icsi.info@icsi.org.

NQMC STATUS

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